CLAIMS

1. A disposable filter, comprising:

a filtering bag with an opening, said bag being made of a non-woven, synthetic material having filtering perforations, and

a substantially flat, stretchable band extending along the periphery of said opening, facilitating the easy attachment and detachment of said bag within a liquid filtering apparatus.

2. The filter as claimed in claim 1, wherein said filtering perforations are of a size between 70 to 80 microns.

3. The filter as claimed in claim 1, wherein said filter has an air permeability as follows:

for 1 mbar – 325 $cm^3/cm^2/sec$;

for 2 mbar – 510 $cm^3/cm^2/sec$, and

for 3 mbar – 850 $cm^3/cm^2/sec$.

4. The filter as claimed in claim 1, wherein said filter has a stretching strength of about 100.0 length and 60.5 width, and a bursting strength of about 80 lb/in^2.

5. The filter as claimed in claim 1, wherein said filter is made of polypropylene having a weight of about 51.2 g/m^2.

6. The filter as claimed in claim 1, wherein said stretchable band is of a substantially rectangular cross-section.

7. In a swimming pool cleaning apparatus including a framework having a peripheral recess for supporting a filter, the improvement comprising:

a disposable filter;

a filtering bag with an opening defined by a rim, said bag being made of a non-woven, synthetic material having filtering perforations, and

a substantially flat, stretchable band extending along said rim of the opening, the band being sized to fit into said recess in a stretched state, facilitating the easy attachment and detachment of the bag on said framework.

8. In the swimming pool as claimed in claim 7, wherein said filtering perforations are of a size between 70 to 80 microns.

9. In the swimming pool as claimed in claim 7, wherein said filter has an air permeability as follows:

for 1 mbar – 325 $cm^3/cm^2/sec$;

for 2 mbar – 510 $cm^3/cm^2/sec$, and

for 3 mbar – 850 $cm^3/cm^2/sec$.

10. In the swimming pool as claimed in claim 7, wherein said filter has a stretching strength of about 100.0 length and 60.5 width, and a bursting strength of about 80 lb/in^2.

11. In the swimming pool as claimed in claim 7, wherein said filter is made of polypropylene having a weight of about 51.2 g/m^2.

12. In the swimming pool as claimed in claim 7, wherein said stretchable band is of a substantially rectangular cross-section.

13. In the swimming pool as claimed in claim 7, wherein the filter in its assembled state is slipped over said framework with a stretchable opening tightly surrounding and clinging to a recessed strip.